

Title (en)

QUALIFICATION SYSTEM AND METHOD FOR CHILLED WATER PLANT OPERATIONS

Title (de)

QUALIFIZIERUNGSSYSTEM UND -VERFAHREN FÜR OPERATIONEN IN ANLAGEN MIT GEKÜHLTEM WASSER

Title (fr)

SYSTÈME ET PROCÉDÉ DE QUALIFICATION DU FONCTIONNEMENT DE GROUPES À EAU GLACÉE

Publication

**EP 2457177 A4 20171018 (EN)**

Application

**EP 10802532 A 20100513**

Priority

- US 50780609 A 20090723
- US 75878010 A 20100412
- US 2010001416 W 20100513

Abstract (en)

[origin: US2011022241A1] A qualification system for determining the effects of one or more upgrades or modifications to a chilled water plant is disclosed herein. The qualification system may collect various data from operating logs of a chilled water plant. The data may be collected in stages, where at least one first stage may be used to collect data used to identify representative log data. The representative log data may then be used to perform an accurate analysis to determine the effects of one or more upgrades or modifications. In this manner, the qualification system provides accurate analysis while reducing data entry. In addition, the qualification system may accept varying amounts of data such as to reduce percentage error or the like in its analysis.

IPC 8 full level

**G05B 15/02** (2006.01); **G06F 1/20** (2006.01); **G06F 11/00** (2006.01); **G06F 17/00** (2006.01); **G06Q 10/06** (2012.01); **G06Q 50/06** (2012.01); **G06Q 50/08** (2012.01); **G06Q 50/12** (2012.01)

CPC (source: EP KR US)

**G05B 15/02** (2013.01 - EP US); **G06Q 10/06** (2013.01 - EP KR US); **G06Q 50/06** (2013.01 - EP KR US); **G06Q 50/08** (2013.01 - EP KR US); **G06Q 50/12** (2013.01 - EP KR US); **G16Z 99/00** (2019.01 - KR); **Y02P 90/82** (2015.11 - EP US)

Citation (search report)

- [A] WO 2009039500 A1 20090326 - STERLING PLANET INC [US], et al
- See references of WO 2011011032A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**US 2011022241 A1 20110127**; **US 8417392 B2 20130409**; AU 2010275034 A1 20120209; AU 2010275034 B2 20141030; BR 112012001256 A2 20160210; BR 112012001256 B1 20200407; CA 2768733 A1 20110127; CA 2768733 C 20170627; CN 102498484 A 20120613; CN 102498484 B 20151125; DK 2457177 T3 20190909; EP 2457177 A1 20120530; EP 2457177 A4 20171018; EP 2457177 B1 20190626; ES 2747957 T3 20200312; HK 1171530 A1 20130328; IN 634DEN2012 A 20150821; KR 101902586 B1 20180928; KR 20120051040 A 20120521; MX 2012001013 A 20120612; SG 177698 A1 20120228; WO 2011011032 A1 20110127

DOCDB simple family (application)

**US 75878010 A 20100412**; AU 2010275034 A 20100513; BR 112012001256 A 20100513; CA 2768733 A 20100513; CN 201080042604 A 20100513; DK 10802532 T 20100513; EP 10802532 A 20100513; ES 10802532 T 20100513; HK 12112156 A 20121127; IN 634DEN2012 A 20120123; KR 20127004774 A 20100513; MX 2012001013 A 20100513; SG 2012003604 A 20100513; US 2010001416 W 20100513